

What is claimed is:

1. A mechanical delaying device of a shredder comprising an upper-lid, a base, a motor, a decelerator, and two blade assemblies; wherein:

the upper lid has a feeder and a switch button at a top portion thereof;

5 the base accommodates the motor, the decelerator, and the two blade assemblies at an interior thereof, and has a shred container at a bottom portion thereof; the motor is for driving and rotating the decelerator

consisted of a plurality of gears, and the decelerator is for driving and

rotating the two blade assemblies; the two blade assemblies are

10 provided a long shredder slot connected with the feeder of the upper lid;

the frames of the two blade assemblies are fastened to the fixing plates via two sides thereof, respectively; and

the characteristics thereof being that:

the frame of the right blade assembly has two axis bases for receiving a

15 spindle above; an axis at one end the spindle is penetrated into an axis opening of the axis base, whereas the other end is connected to a

cantilever; at a top portion of the spindle near the axis opening is a pressing member, which is tilted downward to extend into the shredder

slot of the two blade assemblies; a bottom portion of the cantilever at

20 one end the spindle is connected with a transverse axis shaft

accommodated by a circular roller; a rear end of the axis shaft is

fastened with a circular baffle using a screw bolt; the roller and the

baffle are accommodated by a spring in between such that the roller is

allowed with displacement by pressing against the spring; an outer side

25 of the fixing plate of the blade assembly is a projecting gear axis, which

is connected and spontaneously moves with the axis of the right blade assembly; and gear grooves at the gear axis are for placing the roller; when paper is not inserted, the roller is pressed against the spring and blocked at an outer side of the gear axis; and

- 5 when the paper is inserted, the paper downwardly presses the pressing member that further drives and rotates the spindle below; the roller is displaced outward or upward and departed from the gear axis; a restoring force of the spring pushes the roller inward; and the roller is stretched into the gear grooves of the gear axis, and is pushed toward an
- 10 outermost end of the gear axis along with rotation of the gear axis by the axis of the shredding blade assembly, thereby accomplishing the objects of delaying and halting.